

Comparisons of Job Characteristics

Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation: Helpers--Extraction Workers (47-5081)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 70

Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation: Helpers--Extraction Workers (47-5081)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	9.9	13.4	>>	Current knowledge level is likely more than sufficient
Public Safety and Security	6.9	8.8	10.5	>	Current knowledge level is likely sufficient
Law and Government	5.9	8.5	4.8	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 74

Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation: Helpers--Extraction Workers (47-5081)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	11.0	10.0	<	A higher skill level may be required
Equipment Maintenance	3.5	10.0	6.9	<<	Extensive development of skills in this area may be required
Repairing	3.4	10.0	6.4	<<	Extensive development of skills in this area may be required
Operation and Control	5.4	9.5	13.4	>>	Skill level is likely more than sufficient
Troubleshooting	4.5	9.2	6.6	<<	Extensive development of skills in this area may be required
Quality Control Analysis	5.9	8.9	7.5	<	A higher skill level may be required
Equipment Selection	3.3	7.7	4.9	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 77			
Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073) Associated Occupation: Helpers--Extraction Workers (47-5081)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Multilimb Coordination	6.0	11.9	13.2	>	Current ability level is likely sufficient
Reaction Time	4.8	11.8	9.7	<	Some improvement in abilities may be required
Static Strength	5.0	11.4	7.1	<<	Extensive improvement in abilities may be required
Trunk Strength	5.7	11.2	4.4	<<	Extensive improvement in abilities may be required
Far Vision	7.8	11.1	8.3	<<	Extensive improvement in abilities may be required
Depth Perception	5.3	10.6	12.2	>	Current ability level is likely sufficient
Hearing Sensitivity	5.6	10.0	8.1	<	Some improvement in abilities may be required
Gross Body Equilibrium	3.2	8.2	2.5	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	7.7	5.3	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	6.8	5.5	<	Some improvement in abilities may be required
Peripheral Vision	2.2	5.6	5.1	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 77
Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073) Associated Occupation: Helpers--Extraction Workers (47-5081)		
Work Activities	Exclusivity of Activity	
Maintain or repair construction machinery or equipment	77	
Operate material moving, loading, or unloading equipment	75	
Signal directions or warnings to coworkers	42	
Use hand or power tools	2	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation: Helpers--Extraction Workers (47-5081)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.